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BOZZON~1.TXT  
SEQUENCE LISTING

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Denti, Michela Alessandra

Rosa, Alessandro

<120> siRNA expression system

<130> OC/PCT 82806

<140> PCT/IT2004/000381

<141> 2004-07-09

<150> RM 03/A000335

<151> 2003-07-09

<160> 29

<170> PatentIn version 3.1

<210> 1

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<212> RNA

<213> Artificial Sequence

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<400> 1  
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<222> (1)..(30)

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<222> (1)..(98)

<223> Homo sapiens sequence with artificial 5' and 3' termini

<400> 4

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98

<210> 5

<211> 98

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<223> Homo sapiens sequence with artificial 5' and 3' termini

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<211> 98

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<211> 98

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<223> Homo sapiens sequence with artificial 5' and 3' termini

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<211> 84

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<221> misc\_feature

<222> (1)..(84)

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<221> misc\_feature

<222> (1)..(84)

<223> Homo sapiens sequence with artificial 5' and 3' termini

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ctttctggag tttcaaaagt agac 84

<210> 9

<211> 84

<212> DNA

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<220> Homo sapiens sequence with artificial 5' and 3' termini  
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<222> (1)..(84)  
<223> Homo sapiens sequence with artificial 5' and 3' termini

<400> 9  
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acgcttgatc tgccaaattgc ccga 84

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<223> Homo sapiens sequence with artificial 5' and 3' termini

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cgaaaacgctt gatctgccaa ttgcccttac tttctggagt ttcaaaaagta gag 113

<210> 11  
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<222> (1)..(113)  
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<220> Homo sapiens sequence with artificial 5' and 3' termini  
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<223> Homo sapiens sequence with artificial 5' and 3' termini

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catgaatgaa ctcattcatg cgaagtcaaa cgcttgatct gccaattgcc cga 113

<210> 12  
<211> 84  
<212> DNA  
<213> Artificial Sequence

<220> Homo sapiens sequence with artificial 5' and 3' ends  
mutated residue in position 16, 17 and 47,48  
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mutated residue in position 16, 17 and 47,48  
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mutated residue in position 16, 17 and 47,48  
<221> misc\_feature  
<222> (1)..(84)  
<223> Homo sapiens sequence with artificial 5' and 3' ends  
mutated residue in position 16, 17 and 47,48

<400> 12  
gatctcgggc aattgcgaga tcaagcgttt gtgttagcgct tgatctcgca attgccctta 60  
ctttctggag tttcaaaagt agac 84

<210> 13  
<211> 84

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<212> DNA

<213> Artificial Sequence

<220> Homo sapiens sequence with artificial 5' and 3' ends  
Mutated residues 41,42 and 72,73

<223> Homo sapiens sequence with artificial 5' and 3' ends  
Mutated residues 41,42 and 72,73

<220> Homo sapiens sequence with artificial 5' and 3' ends  
Mutated residues 41,42 and 72,73

<221> misc\_feature

<222> (1)..(84)

<223> Homo sapiens sequence with artificial 5' and 3' ends  
Mutated residues 41,42 and 72,73

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acgcttg atc tcgcaattgc ccga 60  
84

<210> 14

<211> 20

<212> DNA

<213> Artificial Sequence

<220> human probe

<223> human probe

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<221> misc\_feature

<222> (1)..(20)

<223> human probe

<400> 14  
ggcaattggc agatcaagcg 20

<210> 15

<211> 20

<212> DNA

<213> Artificial Sequence

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<220> mutated probe in position 9,10  
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<221> misc\_feature  
<222> (1)..(20)  
<223> mutated probe in position 9,10

<400> 15  
ggcaattgcg agatcaagcg

20

<210> 16  
<211> 20  
<212> DNA  
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<220> alpha probe  
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<223> alpha probe

<400> 16  
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20

<210> 17  
<211> 15  
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<221> misc\_feature  
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<223> box element

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<400> 17 gtttcaaaag tagac	15
<210> 18	
<211> 30	
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<210> 19	
<211> 399	
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<222> (1)..(399)

<223> Homo sapiens sequence with artificial 5' and 3' named U1 prom

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ggagaggcag acgtcaacttc cccttggcgg ctctggcagc agattggtcg gttgagtggc 120  
agaaaggcag acggggactg ggcaaggcac tgtcggtgac atcacggaca gggcgacttc 180  
tatgttagatg aggcaagcga gaggctgctg cttcgccact tgctgcttca ccacgaagga 240  
gttcccgtgc cctgggagcg gttcaggac cgctgatcg aagtgagaat cccagctgtg 300  
tgtcagggct ggaaagggct cgggagtgcg cggggcaagt gaccgtgtgt gttaagagtg 360  
aggcgatata ggctgtgtcg gggcagaggc ccaagatct 399

<210> 20

<211> 108

<212> DNA

<213> Artificial sequence

<220> Homo sapiens sequence with artificial 5' and 3' termini fig2 sens e psiua-lam/psiub-lam

<223> Homo sapiens sequence with artificial 5' and 3' termini fig2 sens e psiua-lam/psiub-lam

<220> Homo sapiens sequence with artificial 5' and 3' termini fig2 sens e psiua-lam/psiub-lam

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<222> (1)..(108)

<223> Homo sapiens sequence with artificial 5' and 3' termini fig2 sens e psiua-lam/psiub-lam

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tgccaaatttgc ctttatcccc ctgactttctt ggagttcaa aagttagac 108

<210> 21

<211> 108

<212> DNA

<213> Artificial sequence

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<220> Homo sapiens sequence with artificial 5' and 3' termini fig2 anti  
sense psiua-lam/psiub-lam

<223> Homo sapiens sequence with artificial 5' and 3' termini fig2 anti  
sense psiua-lam/psiub-lam

<220> Homo sapiens sequence with artificial 5' and 3' termini fig2 anti  
sense psiua-lam/psiub-lam

<221> misc\_feature

<222> (1)..(108)

<223> Homo sapiens sequence with artificial 5' and 3' termini fig2 anti  
sense psiua-lam/psiub-lam

<400> 21  
agtatgtccc gttaaccgtc tagttcgcaa cacttcggtg tctacttgcg aactagacgg 60  
ttaacggaa ataggggact gaaagacctc aaagtttca tctgagtc 108

<210> 22

<211> 84

<212> DNA

<213> Artificial sequence

<220> Homo sapiens sequence with artificial 5' and 3' termini fig2 sens  
e psiuc-lam/psiud-lam/psiucmut-lam

<223> Homo sapiens sequence with artificial 5' and 3' termini fig2 sens  
e psiuc-lam/psiud-lam/psiucmut-lam

<220> Homo sapiens sequence with artificial 5' and 3' termini fig2 sens  
e psiuc-lam/psiud-lam/psiucmut-lam

<221> misc\_feature

<222> (1)..(84)

<223> Homo sapiens sequence with artificial 5' and 3' termini fig2 sens  
e psiuc-lam/psiud-lam/psiucmut-lam

<400> 22  
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<210> 23

<211> 84

<212> DNA

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sense psiUC-lam/psiUD-lam/psiUCmut-lam<223> Homo sapiens sequence with artificial 5' and 3' termini fig2 anti  
sense psiUC-lam/psiUD-lam/psiUCmut-lam<220> Homo sapiens sequence with artificial 5' and 3' termini fig2 anti  
sense psiUC-lam/psiUD-lam/psiUCmut-lam

&lt;221&gt; misc\_feature

&lt;222&gt; (1)..(84)

<223> Homo sapiens sequence with artificial 5' and 3' termini fig2 anti  
sense psiUC-lam/psiUD-lam/psiUCmut-lam

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gacctcaaag ttttcatctg agtc	84	

&lt;210&gt; 24

&lt;211&gt; 36

&lt;212&gt; DNA

&lt;213&gt; yeast sp.

<400> 24		
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&lt;210&gt; 25

&lt;211&gt; 36

&lt;212&gt; DNA

&lt;213&gt; yeast sp.

<400> 25		
actgaagcgt acttactcaa gtaagtactt cgcttt	36	

&lt;210&gt; 26

&lt;211&gt; 77

&lt;212&gt; RNA

&lt;213&gt; Artificial sequence

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uugccuuua uccccug 77  
  
<210> 27  
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uugccuuua 67  
ccccug  
  
<210> 28  
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<221> snRNA

<222> (1)..(53)

<223> snRNA sequence fig2b psiuc-1am

<400> 28

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<210> 29

<211> 82

<212> RNA

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<223> snRNA sequence fig 2b psiud-1am

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<221> snRNA

<222> (1)..(82)

<223> snRNA sequence fig 2b psiud-1am

<400> 29

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gcuugaucug ccaauugccc uu 82